

Dimension 1200es Series

dimension
3D Printers



Print large, functional 3D models right in your office.

See your designs come to life with the Dimension SST 1200es and BST 1200es 3D Printers. They turn 3D CAD files into functional, durable 3D models that you can discuss and test under real-world conditions.

The large build capacity of the Dimension 1200es 3D Printers give you the room to print models at the size you need. And they're simple to operate: Just click "print" to prep the CAD file and print the model, then remove the support material to reveal your design in three dimensions.

Print 3D models big, tough and functional — just like the real thing.



Print models in production-grade thermoplastic.

Dimension 1200es 3D Printers use ABSplus™ modeling material, a production-grade thermoplastic that is durable enough to perform virtually the same as production parts. Models printed with Dimension 3D printers have customer-proven toughness – from commercial sprayers tested at pressures up to 60 psi, to final parts on M1 tanks normally machined in aircraft-grade aluminum.

At the core of every model: FDM® technology.

Stratasys FDM (Fused Deposition Modeling) technology is the foundation for all Dimension 3D printers. Models are printed from the bottom up with precisely deposited layers of modeling and support material. There's no waiting for models to "cure" — they're ready for support removal right from the printer. The SST 1200es uses Soluble Support Technology which dissolves the supports in a water-based solution. The BST 1200es uses Breakaway Support Technology in which the supports are simply snapped off to reveal the final model. Then, models can be drilled, tapped, sanded and painted.

A tool for today's fast-track product development.

You'll dramatically improve your product development process with Dimension 1200es 3D Printers. They print models that help you check form, fit and function, and correct errors, before your product goes into production. And they're versatile enough to produce functional models, molds, patterns, customized tools and fixtures. To shorten product development cycles and accelerate time-to-market, start with Dimension 1200es 3D Printers — and make your ideas real.

1200es Series Product Specifications

- Model material:
ABSplus in ivory, white, black, red, olive green, nectarine, fluorescent yellow, blue or gray
- Support material:
Soluble Support Technology (SST) or Breakaway Support Technology (BST)
- Build size:
254 x 254 x 305 mm (10 x 10 x 12 in)
- Layer thickness:
.254 mm (.010 in) or .330 mm (.013 in) of precisely deposited ABS and support material
- Workstation compatibility:
Windows® XP / Windows Vista® plus model
- Network connectivity:
Ethernet TCP/IP 10/100Base-T
- Size and weight:
838 x 737 x 1143 mm (33 x 29 x 45 in)
148 kg (326 lbs)
- Power requirements:
110–120 VAC, 60 Hz, minimum 15A dedicated circuit; or 220–240 VAC 50/60 Hz, minimum 7A dedicated circuit
- Regulatory compliance:
CE / ETL
- Special facility requirements:
None

For more information about Dimension 3D printers, contact a reseller at **+1 866 721 9244** or visit www.dimensionprinting.com

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